





Key User Training Document

SD110 Price Master

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Course Overview



Course Code	Course Description	Duration (hour/ class)
SD110	Price Master	3

Course Information



Course ID	SD110
Course Description	Price Master
Course Duration	3 hr.
Course Pre-requisite	SAP Overview
Course Objective	 To understand the concept of Price Master Data including key fields and its subsequent processes. To understand how to create/change/display Price Master in the system. To understand the concept of Shipment Cost Master Data including key fields and its subsequent processes. To understand how to create/change/display Shipment Cost Master in the system.

Course Information



Table of Content	Price Master Data Concept
	Create/Change/Display Price Master
	Price Master Report
	Shipment Cost Master Data Concept
	Create/Change/Display Shipment Cost Master
	Shipment Cost Master Report
Output	1. Better understanding of Price Master Data Concept in SAP
	S/4 HANA
	2. Be able to create/change/display Price Master in the system
	3. Better understanding of Shipment Cost Master Data Concept
	in SAP S/4 HANA
	4. Be able to create/change/display Shipment Cost Master in
	the system

Course Outline





Price Master Overview

- Process Overview
- Key Data Structure
- Maintain Price Master

Shipment Cost Overview

- Process Overview
- Maintain Shipment Cost Master

Q&A

Price Master Overview





Pricing Condition

The term **Pricing** is used broadly to describe the calculation of prices (for external use by customers or vendors) and costs (for internal purposes, such as cost accounting).

Conditions represent a set of circumstances that apply when a price is calculated.

For example, a particular customer orders a certain quantity of a particular product on a certain day. The variable factors here - the customer, the product, the order quantity, the date - determine the final price the customer gets.

The information about each of these factors can be stored in the system as master data. This master data is stored in the form of **condition records**.

Price Master Overview





Price Master Overview





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Q&A

Price Master Maintenance Process





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Introduction to Price Master Data – Condition Master Data



Pricing Condition Master Condition Master Data Price Discount □ Freight Discount Price **Discount %** Price List **Discount Amount** ราคาประกาศ Freight Taxes Freight Charge Value added tax Withholding tax

Introduction to Price Master Data – Condition Type



Condition Type	Description	Key Combination
ZP03	Price List (Inc VAT)	 845:Sales Off./Plant/Customer/Material/Mat.Pr.Grp 824:Sales Grp/Price list/Material/Mat.Pr.Grp 846:Sales off./Plant/Material/Mat.Pr.Grp 844:Sales Off./Material/Mat.Pr.Grp 842:Sales Off./Plant/Customer/Material 826:Sales Grp/Customer/Material 827:Sales Grp/Price list/Material 843:Sales Off./Plant/Material 837:Sales Off./Material
ZP05	Price List Weight (Inc.VAT)	 845:Sales Off./Plant/Customer/Material/Mat.Pr.Grp 824:Sales Grp/Price list/Material/Mat.Pr.Grp 846:Sales off./Plant/Material/Mat.Pr.Grp 844:Sales Off./Plant/Customer/Material 826:Sales Grp/Customer/Material 827:Sales Grp/Price list/Material 843:Sales Off./Plant/Material 837:Sales Off./Material

Introduction to Price Master Data – Condition Type (Cont.)



Condition Type	Description	Key Combination
ZP04	Export Price - Order Date (Exc VAT)	850:Sales org./SalesOff/Ship-To/Incoterms/Ship.type/Material 847:Sales org./Sales off./Customer/Incoterms/Material
ZP06	Export Price (Weight) - Order Date (Exc VAT)	850:Sales org./SalesOff/Ship-To/Incoterms/Ship.type/Material 847:Sales org./Sales off./Customer/Incoterms/Material
ZP09	Export Price - Invoice Date (Exc VAT)	850:Sales org./SalesOff/Ship-To/Incoterms/Ship.type/Material 847:Sales org./Sales off./Customer/Incoterms/Material
ZP07	Affiliated Sales Price (Inc VAT)	 846:Sales off./Plant/Material/Mat.Pr.Grp 843:Sales Off./Plant/Material 852:Sales org./Distr. Chl/Material/Mat.Pr.Grp Material with release status
ZP08	Affiliated Sales Price (Weight) (Inc VAT)	 846:Sales off./Plant/Material/Mat.Pr.Grp 843:Sales Off./Plant/Material 852:Sales org./Distr. Chl/Material/Mat.Pr.Grp Material with release status

Introduction to Price Master Data – Condition Type (Cont.)



Condition Type	Description	Key Combination
ZPF2	Feed Weekly Price	 Customer/material with release status 809:Sales District/Material 804:Cust.Group/Material Material with release status
ZPF3	Feed WP Mark up 1	 809:Sales District/Material 859:Sales District/PH1/PH2/PH3/Sales unit 808:Sales District/PH1/PH2/Sales Unit
ZPF4	Feed WP Mark up 2	Customer/material with release status 857:Customer/PH1/PH2/PH3/Sales unit 801:Customer/PH1/PH2/Sales Unit
ZPF5	Feed WP Mark up 3	 853:Sales org./Distr. Chl/Customer/Ship-To/Material 860:SalesOrg./DistrChl/Customer/Ship-To/PH1/PH2/PH3/SalesUni 854:Sales org./Distr.Chl/Customer/Ship-To/PH1/PH2/Sales unit

Introduction to Price Master Data – Condition Type (Cont.)



Condition Type	Description	Key Combination
ZPR1	Non Feed Price List	 807:Customer/Material/Sales Unit Customer/material with release status 810:Cust.Group/Material/Sales Unit 861:Sales District/Cust.Group/Material 804:Cust.Group/Material 813:Plant/Material 812:Shp.Cond./Material 814:Material/Sales Unit Material with release status

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- Process Overview
- Maintain Shipment Cost Master

Q&A

Maintain Price Master



The transaction code for Pricing Condition Master are as follows:

T-Code: **VK11** Create Pricing Conditions Master Data

T-Code: **VK12** Change Pricing Conditions Master Data

T-Code: **VK13** Display Pricing Conditions Master Data

T-Code: **VK14** Create Pricing Conditions Master Data with reference to existing data

T-Code: **V/LD** Pricing Conditions Master Data Report



Create Pricing Condition

VK11 - Create Pricing Conditions Master Data





VK11 - Create Pricing Conditions Master Data



- 3. Select Key Combination
- 4. Enter data for selected key combination, price, currency, unit, valid from-to
- 5. Press Save 🔚 to save data

Create PriceList (inc.VAT) Condition (Z	Create PriceList (inc.VAT) Condition (ZP03) : Fast Entry						
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Sales Group 999 Customer 100016303	Common การบันไทย สุวรรณภูมิ 3						
Sales Grp/Customer/Material							
Material	S. Description	P Amount	Unit p	oer UoM C	S Valid From	Valid to	
K00000001	CPD FG (test)		255.00 THB	1 KG C	06.11.2017	31.12.9999	
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VK14 - Create Pricing Conditions Master Data with reference



3. Select Key Combination which contains existing data

Create PriceList (inc.V (ZP03) with	h Reference: Select	ction
🚱 🚸 📴 ፤ Condition Info	3	3
Sales Group	999	Common
Customer	100016303	การบินไทย สุวรรณภูมิ
Material	K00000001	to 📑
Release status		to 📄 📑
Valid On	06.11.2017	
Keep end of validity period		

VK14 - Create Pricing Conditions Master Data with reference



4. Update price, currency, unit, valid from-to

Create PriceList (inc.VAT) Condition (ZP03) : Fast Entry											
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	Sales Group 999 Common Customer 100016303 การบินไทย สุวรรณภูมิ										
S	ales Grp/Customer/Material										
	Material	S.	Description	P	Amount	Unit	per Uo	и с	s	. Valid From	Valid to
	K00000001		CPD FG (test)		180.00	тнв	1 KG	С		06.11.2017	30.11.2017
	K00000002		Marinated meat (test)		190.00	тнв	1 KG	С	_	06.11.2017	30.11.2017
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VK14 - Create Pricing Conditions Master Data with reference



5. and 6. for mass change of valid from-to date

Create PriceList (inc.VAT) Condition (ZP03) : Fast Entry						
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Sales Group999CommonCustomer100016303การบันไทย สุวรรณภูมิ						
Sales Grp/Customer/Material						
Material S	. Description	P Amount Unit	per UoM C S Valid From	Valid to		
K00000001	CPD FG (TEST)	180.00 THB	1 KG C 06.11.2017	30.11.2017		
К00000002	MARINATED MEAT (TEST)	190.00 THB	1 KG C 06.11.2017	30.11.2017		
		ট New Validity Period fo	or Selected Condition Records	X		
		Valid From 06.11.	.2017	_		
		Valid to 30.11.	.2017	_		
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			<u> </u>	Copy Date		
	Rule	2 / 2				



Change Pricing Condition

VK12 - Change Pricing Conditions Master Data



Change Condition Records	
Condition Information Key Combination Select Using Index	1. Enter Condition Type
Condition Type	2. System will display Key Combination
(2) Key combination Sales org./Sales off./Plant/Cu Sales org./Sales off./Materia Sales org./Sales off./Materia Sales org./Sales off./Materia Sales org./Sales off./Plant/M Sales org./Sales off./Plant/M Sales org./Sales off./Plant/M	nation for ZP03 Price List (Inc. VAT)





🔾 Sales Grp/Price list/Material/Mat.Pr.Grp (ขายปศสัตว์)	
🔾 Sales Grp/Plant/Price list/Material (ขายหน้าโรง)	
 Sales Grp/Customer/Material 	-
Sales Grp/Price list/Material	-

Change PriceList (inc.V (ZP03): Selection

100016303		
100010000	การบันไทย สุวรรณภูมิ	
K00000001	to	
	to	
	K00000001	to

VK12 - Change Pricing Conditions Master Data



3. Change/update price, valid from-to date, then, press save button to save data

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	K00000001		CPD FG (test)			255.00	тнв		1 KG	С		06.11.2017	31.12.9999
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Delete Pricing Condition

VK12 - Delete Pricing Conditions Master Data



	2. System will display Key Combination
Condition Type 1 ZP03 PriceList (inc.VAT)	
2	ation for ZP03 Price List (Inc. VAT) ustomer/Material/Mat.Pr.Grp st/Material/Mat.Pr.Grp aterial I/Mat.Pr.Grp/Plant er/Material aterial

VK12 - Delete Pricing Conditions Master Data



🖙 Key Combination		
○ Sales org./Sales off./Plant/Customer/M	laterial/Mat.Pr.Grp	
○ Sales org./Sales Grp/Price List/Materia	l/Mat.Pr.Grp	
○ Sales org./Sales off./Material/Mat.Pr.G	rp	
○ Sales org./Plant/Customer/Material		
○ Sales org./Sales off./Material/Mat.Pr.G	rp/Plant	
Sales org./Sales Grp/Customer/Materia	al	
⊂ ○ Sales org./Sales Grp/Price List/Materia	l i i i i i i i i i i i i i i i i i i i	
○ Sales org./Sales off./Plant/Material		
Change PriceList (inc.V (ZP03)): Selection	
🚱 🚸 🛅 Condition Info		
Sales Group	999	Common
Customer	100016303	การบินไทย สุวรรณภูมิ
Material	K00000001	to 💽
Release status		to 📄
Valid On	06.11.2017	

VK12 - Delete Pricing Conditions Master Data



3. Select record to delete and press 🗟 , system will display message

Deletion indicator for cond	lition record has	been	n set										
Change PriceList (inc.VAT) Condition (ZP	03) : Overview												
a 🤮 🗃 i 🖍 📾 🌞 i 🖪 🖫 🔏 i 🔏 i 🛣 i													
Sales Group 999 Cor Customer 100016303 nns Valid On 06.11.2017	nmon บันไทย สุวรรณภูมิ												
Sales Grp/Customer/Material													
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			150.00			1 KG	C	00.11.2017	51.12.5555				
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K													
R													
_ ⊴ (3)													
Deletion indicator for condition record has been set													



Display Pricing Condition

VK13 - Display Pricing Conditions Master Data



Display Condition Records	
Condition Information Key Combination Select Using Index	1. Enter Condition Type
Condition Type 1 ZP03 PriceList (inc.VAT)	2. System will display Key Combination
(2) Key combination Sales org./Sales off./Plant/O Sales org./Sales off./Materia Sales org./Sales off./Materia Sales org./Sales off./Materia Sales org./Sales off./Plant/N Sales org./Sales off./Plant/N Sales org./Sales off./Plant/N Sales org./Sales off./Plant/N Sales org./Sales off./Plant/N Sales org./Sales off./Plant/N	Customer/Material/Mat.Pr.Grp al/Mat.Pr.Grp Material al/Mat.Pr.Grp/Plant ner/Material ist/Material al

VK13 - Display Pricing Conditions Master Data



E Key Combination

O Sales org./Sales off./Plant/Customer/Material/Mat.Pr.Grp

Sales org./Sales Grp/Price List/Material/Mat.Pr.Grp

○ Sales org./Sales off./Material/Mat.Pr.Grp

O Sales org./Plant/Customer/Material

○ Sales org./Sales off./Material/Mat.Pr.Grp/Plant

Sales org./Sales Grp/Customer/Material

○ Sales org./Sales Grp/Price List/Material

O Sales org./Sales off./Plant/Material

Sales org./Sales off./Material

Display PriceList (inc.V (ZP03): Selection

🚯 🚸 嶞 🚺 Condition Info

Sales Group	999		
Customer	100016303		
Material	K00000001	to 🔁	
Release status		to 📄 📄	
	10 11 2017		
Valid On	10.11.2017		
Valid On	10.11.2017		

VK13 - Display Pricing Conditions Master Data

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Display PriceList (Inc.VAT) (2P03) : Overv	lew												
29 19 🐚 🖻 🇰 I 🗓 🔁 🚀 🏂 🙇													
Sales Group 999 Com Customer 100016303 nnsi Valid On 10.11.2017 100016303	าmon บินไทย สุวรรณภูมิ												
Sales Grp/Customer/Material													
Material	S. Description	P Amount	Unit	per	UoM	C S	Valid From	Valid to	D S	S	T E	Payt	Fi
K00000001	CPD FG (test)	180.	00 THB	1	KG	С	06.11.2017	31.12.9999					-
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	(M) (K)	7 Le T	1 / 1										

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Pricing Condition Report



V/LD - Pricing Condition Report



Z3 Value Added Tax



V/LD - Pricing Condition Report

Price list		
Sales Organization	S121	to Image: state in the s
Validity Period		
Validity range Condition records exceeding interval named above. ✓ at start of validity period	1.10.2020	2 Enter selection criteria
		i.e.
List Screen		- Sales Organization
 Scale quantity Validity period Additional cond.fields Deleting and then 		 Condition type Validity (from to)
		,,





Pric	e list	•											
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Sales Or Distr. Chi	g. annel	S121	Fo	od 8	k Farm - 1								
Custom	ner												
CnTy	SGrp	Material	ReSt	S	Scale qty	UoM	Amount	Unit	per	UoM	Valid From	Vali	d To
100000)047	ก้องเกียรติ มีงงาน											
ZP03	A10	H000000531					55.00	тнв	1	KG	15.09.2020	31.1	12.2020
ZP03	A10	1000003589					45.00	THB	1	KG	15.09.2020	14.0	08.2021
100000	051	ຣີຕີນັນທ໌ ນີຕິຄຸລຄວນ											
ZP05	A10	D3233XXN01					105.00	тнв	1	KG	01.07.2020	31.1	12.2020
-													

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Q&A

Shipment Cost Master Overview





Transportation Charge Condition

Transportation Charge Condition is related to condition record for shipment cost.

This component contains the functions for calculating which is carried out using the condition technique as well as general pricing functionality.

In addition, the system determines the pricing procedure to be used to calculate shipment costs. Determination is carried out by transportation planning point, service agent, shipment cost item and shipping type.

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Shipment Cost Master Maintenance Process





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Shipment Cost Condition Type

Condition Type	Description	Key Combination
ZFS1	Freight Charge – Fix (Fix Rate)	 ServcAgent/Ship Point/Ship-To/Ship.type ServcAgent/Ship Point/Ship.type ServcAgent/Ship.type
ZFS2	Freight Charge – KM (Rate per KM)	 ServcAgent/Ship Point/Ship-To/Ship.type ServcAgent/Ship Point/Ship.type ServcAgent/Ship.type

Maintain Shipment Cost Master



Shipment Cost Condition Maintenance consists of

T-Code: **TK11** Create Shipment Cost Condition

T-Code: **TK12** Change Shipment Cost Condition

T-Code: **TK13** Display Shipment Cost Condition





Create Shipment Cost Condition



TK11 - Create Shipment Cost Conditions Master Data





TK11 - Create Shipment Cost Conditions Master Data

3. Select Key Combination 4. Enter data for selected key combination, amount, currency, unit, valid from-to 5. Press Save 📙 to save data e Condition Edit Goto Extras Pricing System Help nvironment 0 - « 🔚 Create Freight Charge - KM Condition (ZFS2) : Fast Entry 🖴 🭕 🕼 🗟 🚺 🔡 🔏 📑 Transport Co., Ltd. Service agent f.stag 500000021 Fal Select Rule ServcAgent/Ship.type S... S. Description UoM C... S... Valid From D... S... S... T... P... Amount Unit Valid To per 01.11.2021 31.12.9999 5.50 USD Z1Truck-4W В Z2 7.25 USD 01.11.2021 31.12.9999 Truck-6W В

*** Screen will be displayed according to selected Key Combination ***

AROUND





Change Shipment Cost Condition



TK12 - Change Shipment Cost Conditions Master Data



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TK12 - Change Shipment Cost Conditions Master Data

Er Key Combination		×
ServcAgent/Ship Point/Ship-To/Ship.type ServcAgent/Ship Point/Ship.type		3
	/	X
Change Freight Charge -	- (ZFS2): Selection	
Change Freight Charge -	- (ZFS2): Selection	
Change Freight Charge -	- (ZFS2): Selection 50000021	Transport Co., Ltd.
Change Freight Charge -	- (ZFS2): Selection	Transport Co., Ltd. to
Change Freight Charge -	- (ZFS2): Selection 50000021	Transport Co., Ltd. to to

TK12 - Change Shipment Cost Conditions Master Data

3. Change/update price, valid from-to date, then, press save button to save data

 Image: Construction 	•]	« 日 💀 日 »		1) 🗋 🕯	<u> </u>	5	2 🖶					
Change	Change Freight Charge - KM Condition (ZFS2) : Overview												
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Service Valid C	Service agent f.stag 50000021 Transport Co., Ltd. Valid On 09.11.2021 Transport Co., Ltd.												
ServcAgent	/Ship.type		Select Rule)6	1) (%	7			_			
S S. D	escription	P., Amount		Unit	per	UoM	C S	Valid From	Valid To	D S			
Z1 Tr	uck-4W		5.50	USD			В	01.11.2021	31.12.9999				
Z2 TI	uck-6W		7.25	USD			В	01.11.2021	31.12.9999				
7.													





Display Shipment Cost Condition

TK13 - Display Shipment Cost Conditions Master Data



AROUND



TK13 - Display Shipment Cost Conditions Master Data

int/Ship-To/Ship.type int/Ship.type De
int/Ship.type pe int/Ship.type ight Charge - (ZFS2): Selection ondition Info e 50000021 Transport Co., Ltd. to
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TK13 - Display Shipment Cost Conditions Master Data

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Display Freight Charge - KM (ZFS2) : Overview																			
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	S 9	S. Descr	ription			P	Amount		Unit	: pe	r Uol	Ч С	S	Valid From	Valid To	D	S	S	T E.
	Z1	Truck	-4W					5.5	0 USI	C		В		01.11.2021	31.12.9999				
	Z2	Truck	-6W					7.2	5 USI	C		В		01.11.2021	31.12.9999				

Q&A





Exercise and Test



